

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/562,233  
Source: JFWP  
Date Processed by STIC: 01/10/2006

# ***ENTERED***



IFWP

**RAW SEQUENCE LISTING**

DATE: 01/10/2006

PATENT APPLICATION: US/10/562,233

TIME: 09:08:41

Input Set : A:\SEQ LIST CASE 1043 - 04-020296.txt

Output Set: N:\CRF4\01102006\J562233.raw

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3 <110> APPLICANT: Tanox, Inc.
4     LI, Kang
5     WANG, Shen-Wu
6     HU, Guanghui
7     YAO, Zengbin
9 <120> TITLE OF INVENTION: Human Mast Cell Expressed Membrane Protein
11 <130> FILE REFERENCE: Case 1043
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/562,233
C--> 13 <141> CURRENT FILING DATE: 2005-12-21
13 <150> PRIOR APPLICATION NUMBER: 60/483,360
14 <151> PRIOR FILING DATE: 2003-06-27
16 <160> NUMBER OF SEQ ID NOS: 4
18 <170> SOFTWARE: PatentIn version 3.3
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1380
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1
26 ggttatgggt taactcagca gaatttggtg aacaactacg acatgctggg gatcatggca      60
28 tggaatgcaa cttgcaaaaa ctggctggga gcagaggctg ccctggaaaa gtactacctt      120
30 tccatttttt atgggattga gttcgttggt ggagtccttg gaaataccat tgttgtttac      180
32 ggctacatct tctctctgaa gaactggaac agcagtaata tttatctctt taacctctct      240
34 gtctctgact tagcttttct gtgcaccctc cccatgctga taaggagtta tgccaatgga      300
36 aactggatat ttggagacgt gctctgcata agcaaccgat atgtgcttca tgccaacctc      360
38 tataaccagca ttctctttct cacttttatc agcatagatc gatacttgat aattaagtat      420
40 cctttccgag aacaccttct gcaaaagaaa gagtttgcta ttttaaatctc cttggccatt      480
42 tgggttttag taaccttaga gttactaccc atacttcccc ttataaatcc tgttataact      540
44 gacaatggca ccacctgtaa tgattttgca agttctggag accccaacta caacctcatt      600
46 tacagcatgt gtctaacact gttgggggtc cttattcctc tttttgtgat gtgtttcttt      660
48 tattacaaga ttgctctctt cctaaagcag aggaataggc aggttgctac tgctctgccc      720
50 cttgaaaagc ctctcaactt ggtcatcatg gcagtggtaa tcttctctgt gctttttaca      780
52 ccctatcacg tcatgcggaa tgtgaggatc gcttcacgcc tggggagttg gaagcagtat      840
54 cagtgcactc aggtcgtcat caactccttt tacatttgta cacggccttt ggcctttctg      900
56 aacagtgtca tcaaccctgt cttctatttt cttttgggag atcacttcag ggacatgctg      960
58 atgaatcaac tgagacacaa cttcaaatcc cttacatcct ttagcagatg ggctcatgaa      1020
60 ctccactatt cattcagaga aaagtgaggg gcttggtgaa cagattgttc tacagatgaa      1080
62 tctgtaagcc agttacagtt tgcccttaact catagacatc aatcagagag tgtcacagat      1140
64 ttaaccttga tctaaagaca agttgtaccc agagtatgtg aaaagaatgg gacgacaaga      1200
66 atgtactggg ttcttcctct aagaattgaa aggagttgaa ctgccttatg tttgggcatg      1260
68 taactccaaa atactaggtg gtataaggct ttctcaatca gtgcaaaaaa ggaagatata      1320
70 taaagcaaca agttgtctgc atttgatcac tgggtcagatt gtaaaaaaaaa aaaaaaaaaa      1380
73 <210> SEQ ID NO: 2
74 <211> LENGTH: 330

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75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 2
80 Met Ala Trp Asn Ala Thr Cys Lys Asn Trp Leu Ala Ala Glu Ala Ala
81 1 5 10 15
84 Leu Glu Lys Tyr Tyr Leu Ser Ile Phe Tyr Gly Ile Glu Phe Val Val
85 20 25 30
88 Gly Val Leu Gly Asn Thr Ile Val Val Tyr Gly Tyr Ile Phe Ser Leu
89 35 40 45
92 Lys Asn Trp Asn Ser Ser Asn Ile Tyr Leu Phe Asn Leu Ser Val Ser
93 50 55 60
96 Asp Leu Ala Phe Leu Cys Thr Leu Pro Met Leu Ile Arg Ser Tyr Ala
97 65 70 75 80
100 Asn Gly Asn Trp Ile Tyr Gly Asp Val Leu Cys Ile Ser Asn Arg Tyr
101 85 90 95
104 Val Leu His Ala Asn Leu Tyr Thr Ser Ile Leu Phe Leu Thr Phe Ile
105 100 105 110
108 Ser Ile Asp Arg Tyr Leu Ile Ile Lys Tyr Pro Phe Arg Glu His Leu
109 115 120 125
112 Leu Gln Lys Lys Glu Phe Ala Ile Leu Ile Ser Leu Ala Ile Trp Val
113 130 135 140
116 Leu Val Thr Leu Glu Leu Leu Pro Ile Leu Pro Leu Ile Asn Pro Val
117 145 150 155 160
120 Ile Thr Asp Asn Gly Thr Thr Cys Asn Asp Phe Ala Ser Ser Gly Asp
121 165 170 175
124 Pro Asn Tyr Asn Leu Ile Tyr Ser Met Cys Leu Thr Leu Leu Gly Phe
125 180 185 190
128 Leu Ile Pro Leu Phe Val Met Cys Phe Phe Tyr Tyr Lys Ile Ala Leu
129 195 200 205
132 Phe Leu Lys Gln Arg Asn Arg Gln Val Ala Thr Ala Leu Pro Leu Glu
133 210 215 220
136 Lys Pro Leu Asn Leu Val Ile Met Ala Val Val Ile Phe Ser Val Leu
137 225 230 235 240
140 Phe Thr Pro Tyr His Val Met Arg Asn Val Arg Ile Ala Ser Arg Leu
141 245 250 255
144 Gly Ser Trp Lys Gln Tyr Gln Cys Thr Gln Val Val Ile Asn Ser Phe
145 260 265 270
148 Tyr Ile Val Thr Arg Pro Leu Ala Phe Leu Asn Ser Val Ile Asn Pro
149 275 280 285
152 Val Phe Tyr Phe Leu Leu Gly Asp His Phe Arg Asp Met Leu Met Asn
153 290 295 300
156 Gln Leu Arg His Asn Phe Lys Ser Leu Thr Ser Phe Ser Arg Trp Ala
157 305 310 315 320
160 His Glu Leu Leu Leu Ser Phe Arg Glu Lys
161 325 330
164 <210> SEQ ID NO: 3
165 <211> LENGTH: 1029
166 <212> TYPE: DNA
167 <213> ORGANISM: Homo sapiens

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169 <400> SEQUENCE: 3
170 atgctgggga tcatggcatg gaatgcaact tgcaaaaact ggctggcagc agaggctgcc      60
172 gactacaaag acgatgacga caagctggaa aagtactacc tttccatttt ttatgggatt      120
174 gagttcgttg tgggagtcct tggaaatacc attgttgttt acggctacat cttctctctg      180
176 aagaactgga acagcagtaa tatttatctc tttaacctct ctgtctctga cttagctttt      240
178 ctgtgcaccc tccccatgct gataaggagt tatgccaatg gaaactggat atatggagac      300
180 gtgctctgca taagcaaccg atatgtgctt catgccaaacc tctataaccag cattctcttt      360
182 ctcaactttta tcagcataga tcgataacttg ataattaagt atcctttccg agaacacctt      420
184 ctgcaaaaaga aagagtttgc tattttaatc tccttggcca tttgggtttt agtaacctta      480
186 gagttactac ccatacttcc ccttataaat cctgttataa ctgacaatgg caccacctgt      540
188 aatgattttg caagttctgg agacccaac tacaacctca tttacagcat gtgtctaaca      600
190 ctgttggggt tccttattcc tctttttgtg atgtgtttct tttattacaa gattgtctct      660
192 ttcctaaagc agaggaatag gcaggttgct actgctctgc cccttgaaaa gcctctcaac      720
194 ttggtcatga tggcagtggt aatcttctct gtgcttttta caccctatca cgtcatgcgg      780
196 aatgtgagga tcgcttcacg cctggggagt tggaagcagt atcagtgcac tcaggtcgtc      840
198 atcaactcct tttacattgt gacacggcct ttggcctttc tgaacagtgt catcaaccct      900
200 gtcttctatt ttcttttggg agatcacttc agggacatgc tgatgaatca actgagacac      960
202 aacttcaaat cccttacatc ctttagcaga tgggctcatg aactcctact ttcattcaga     1020
204 gaaaagtga                                     1029
207 <210> SEQ ID NO: 4
208 <211> LENGTH: 342
209 <212> TYPE: PRT
210 <213> ORGANISM: Homo sapiens
212 <400> SEQUENCE: 4
214 Met Leu Gly Ile Met Ala Trp Asn Ala Thr Cys Lys Asn Trp Leu Ala
215 1 5 10 15
218 Ala Glu Ala Ala Asp Tyr Lys Asp Asp Asp Lys Leu Glu Lys Tyr
219 20 25 30
222 Tyr Leu Ser Ile Phe Tyr Gly Ile Glu Phe Val Val Gly Val Leu Gly
223 35 40 45
226 Asn Thr Ile Val Val Tyr Gly Tyr Ile Phe Ser Leu Lys Asn Trp Asn
227 50 55 60
230 Ser Ser Asn Ile Tyr Leu Phe Asn Leu Ser Val Ser Asp Leu Ala Phe
231 65 70 75 80
234 Leu Cys Thr Leu Pro Met Leu Ile Arg Ser Tyr Ala Asn Gly Asn Trp
235 85 90 95
238 Ile Tyr Gly Asp Val Leu Cys Ile Ser Asn Arg Tyr Val Leu His Ala
239 100 105 110
242 Asn Leu Tyr Thr Ser Ile Leu Phe Leu Thr Phe Ile Ser Ile Asp Arg
243 115 120 125
246 Tyr Leu Ile Ile Lys Tyr Pro Phe Arg Glu His Leu Leu Gln Lys Lys
247 130 135 140
250 Glu Phe Ala Ile Leu Ile Ser Leu Ala Ile Trp Val Leu Val Thr Leu
251 145 150 155 160
254 Glu Leu Leu Pro Ile Leu Pro Leu Ile Asn Pro Val Ile Thr Asp Asn
255 165 170 175
258 Gly Thr Thr Cys Asn Asp Phe Ala Ser Ser Gly Asp Pro Asn Tyr Asn
259 180 185 190
262 Leu Ile Tyr Ser Met Cys Leu Thr Leu Leu Gly Phe Leu Ile Pro Leu

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263		195				200				205						
266	Phe	Val	Met	Cys	Phe	Phe	Tyr	Tyr	Lys	Ile	Ala	Leu	Phe	Leu	Lys	Gln
267		210					215					220				
270	Arg	Asn	Arg	Gln	Val	Ala	Thr	Ala	Leu	Pro	Leu	Glu	Lys	Pro	Leu	Asn
271	225					230				235					240	
274	Leu	Val	Ile	Met	Ala	Val	Val	Ile	Phe	Ser	Val	Leu	Phe	Thr	Pro	Tyr
275				245					250					255		
278	His	Val	Met	Arg	Asn	Val	Arg	Ile	Ala	Ser	Arg	Leu	Gly	Ser	Trp	Lys
279			260					265				270				
282	Gln	Tyr	Gln	Cys	Thr	Gln	Val	Val	Ile	Asn	Ser	Phe	Tyr	Ile	Val	Thr
283		275				280						285				
286	Arg	Pro	Leu	Ala	Phe	Leu	Asn	Ser	Val	Ile	Asn	Pro	Val	Phe	Tyr	Phe
287		290				295						300				
290	Leu	Leu	Gly	Asp	His	Phe	Arg	Asp	Met	Leu	Met	Asn	Gln	Leu	Arg	His
291	305				310					315					320	
294	Asn	Phe	Lys	Ser	Leu	Thr	Ser	Phe	Ser	Arg	Trp	Ala	His	Glu	Leu	Leu
295				325					330					335		
298	Leu	Ser	Phe	Arg	Glu	Lys										
299			340													

**VERIFICATION SUMMARY**

DATE: 01/10/2006

PATENT APPLICATION: US/10/562,233

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Input Set : A:\SEQ LIST CASE 1043 - 04-020296.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date